

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Currently Amended) A two dimensional screening array comprising:
a plurality of molecules bound to surfaces of a fused fiber porous material ~~surface~~, wherein the array contains at least about 100 different molecules, each of the different molecules is bound in a different predetermined region of the porous material ~~surface~~; said material manufactured from alumina fibers, silica fibers, and a fusion source, wherein said material has a mean pore diameter of greater than 10 microns, and a density greater than six pounds per cubic foot.

2. (Cancelled)

3. (Previously Presented) The array of claim 1, wherein the fusion source is boron.

4. (Original) The array of claim 1, wherein the porous material is made from a composition comprising about 1% to about 50% by weight alumina, about 50% to about 98% by weight silica, and about 1% to about 5% by weight boron.

5. (Canceled)

6. (Canceled)

7. (Previously Presented) The array of claim 1, wherein the exposed porous material surface is at least about 50% silicon dioxide.

8. (Previously Presented) The array of claim 1, wherein the exposed porous material surface is at least about 75% silicon dioxide.

9. (Previously Presented) The array of claim 1, wherein the exposed porous material surface is at least about 95% silicon dioxide.

10. (Original) The array of claim 1, wherein the molecules are oligonucleotides.

11 and 12. (Cancelled)

13. (Original) The array of claim 1, wherein the molecules are DNA.

14. (Original) The array of claim 1, wherein the molecules are RNA.

15-36. (Cancelled)